

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

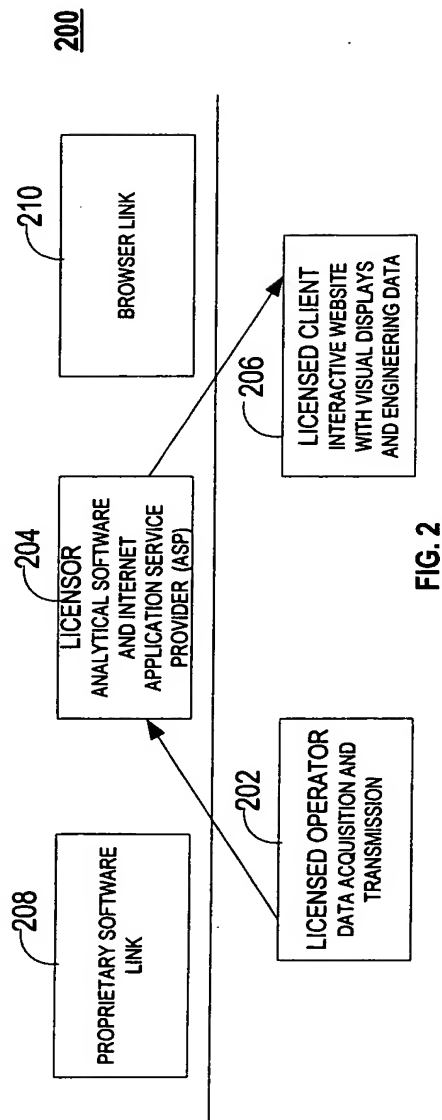
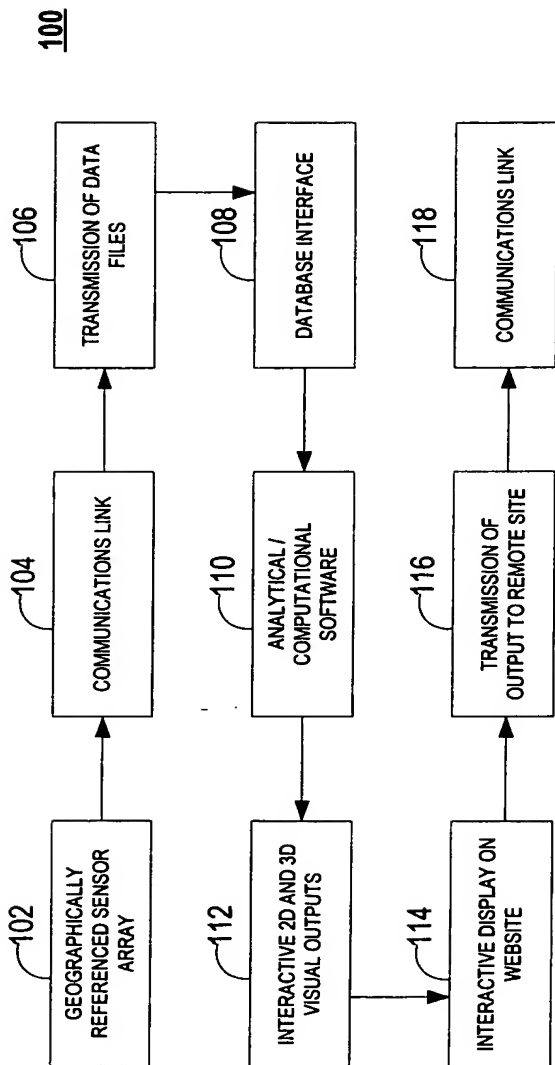
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**



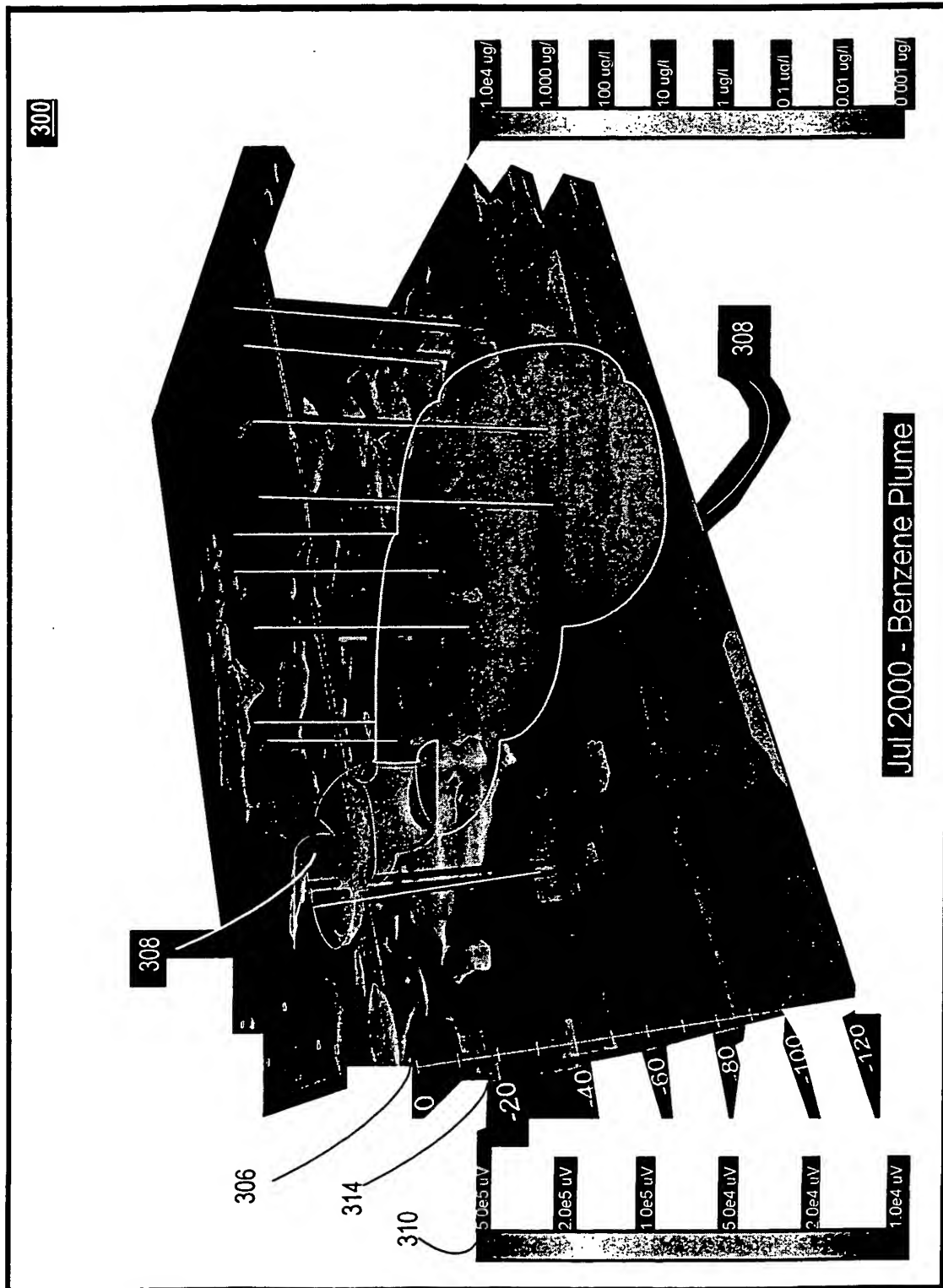
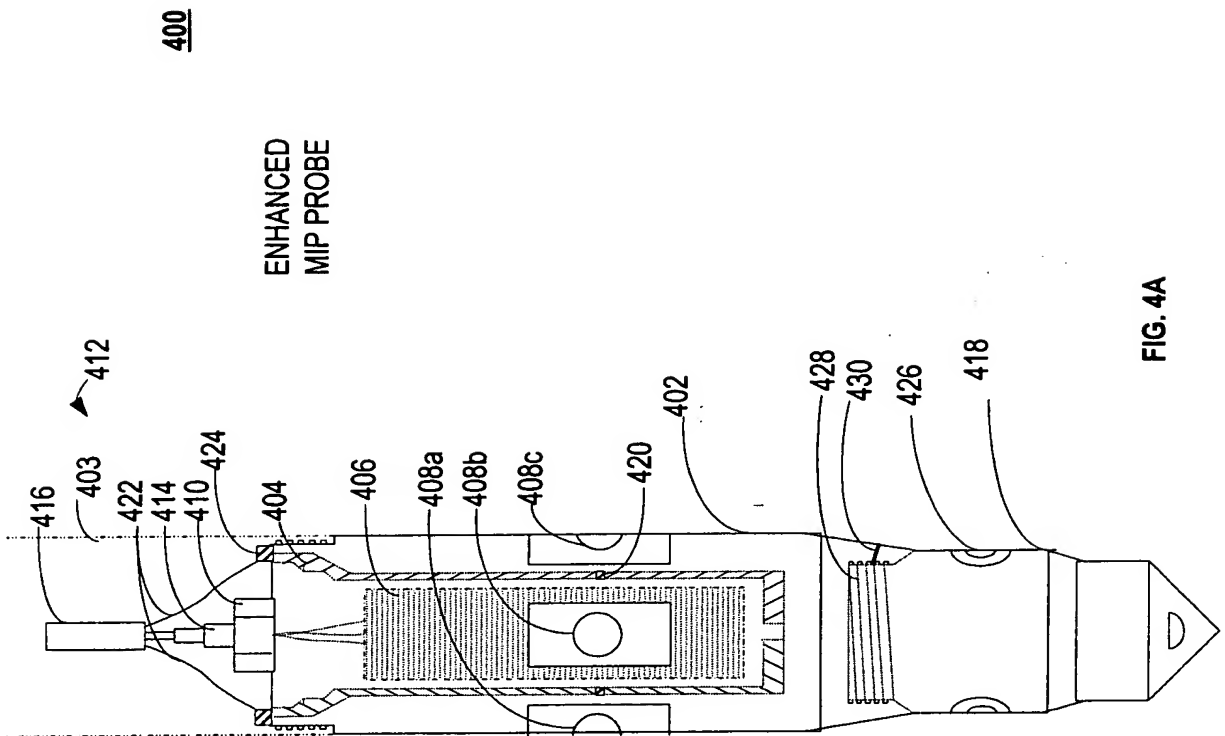


FIG.3



1. SEACON ISO-6-BC - IIP bulkhead connector
2. SEACON RMG-6-FS inline ("omnicul" (waterblucked))
3. Waterblocked breakout splice (Scripps)
4. Length of Nylon tube breakout to be (0.5 in. longer than the length of the extent of the shortest Nylon tube as datum points
5. Length of breakout splice to be as short as possible
6. Custom Heater element with through conductor and ground conductor
7. Heater Cartridge Insert
8. Modified probe
9. O-ring sealed gas passages
10. 4 # 10 Cap Screws perpendicular to probe surface equally spaced



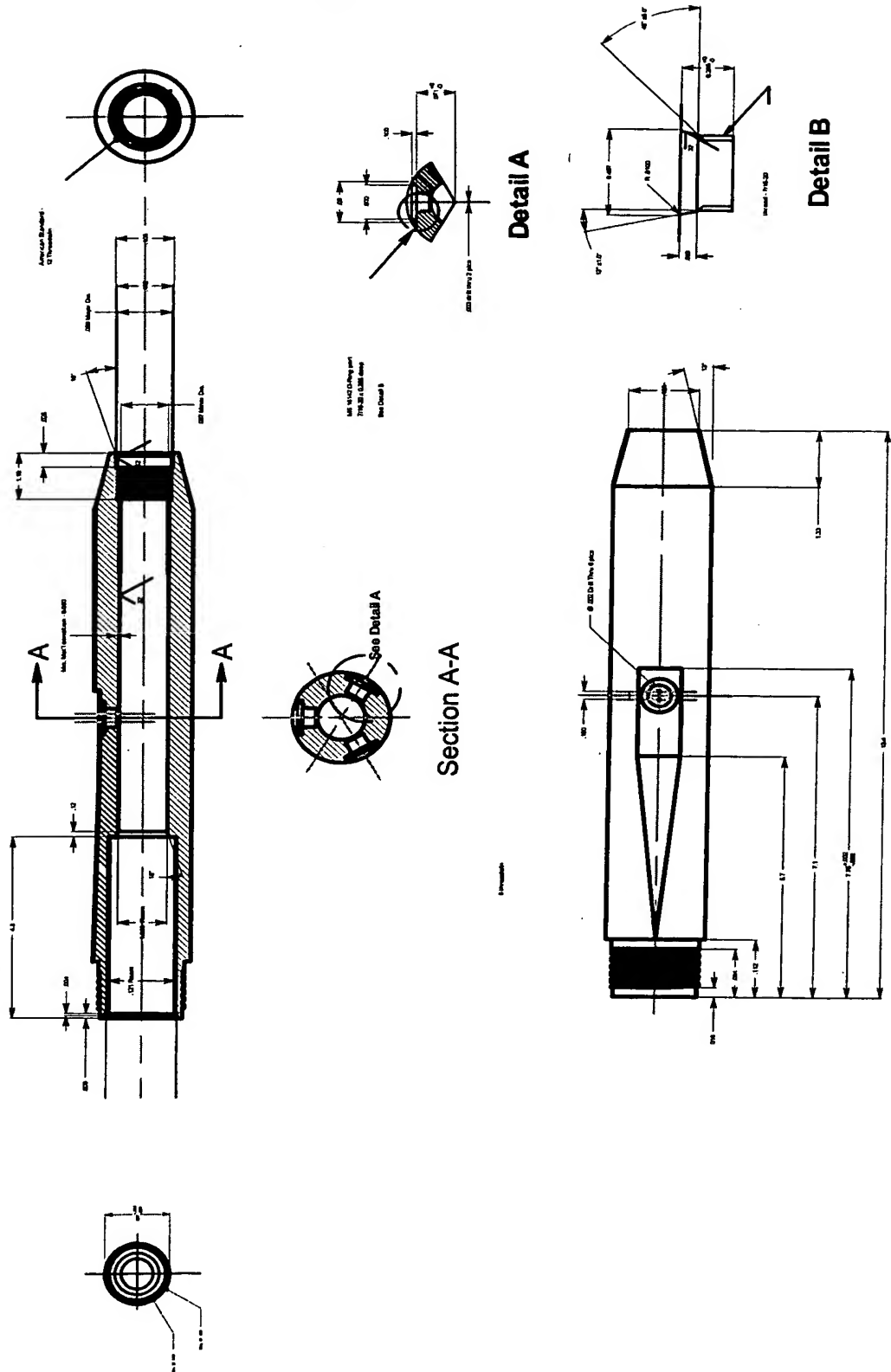
1. 0.060 x 45 degree chamfer
2. Parker Hannifin Corporation O-ring groove
3. Broach 0.0625 wide groove as shown
4. Material-cold rolled steel
5. Hold these diameters concentric within 0.001
6. Hold all concentric diameters within 0.025 in

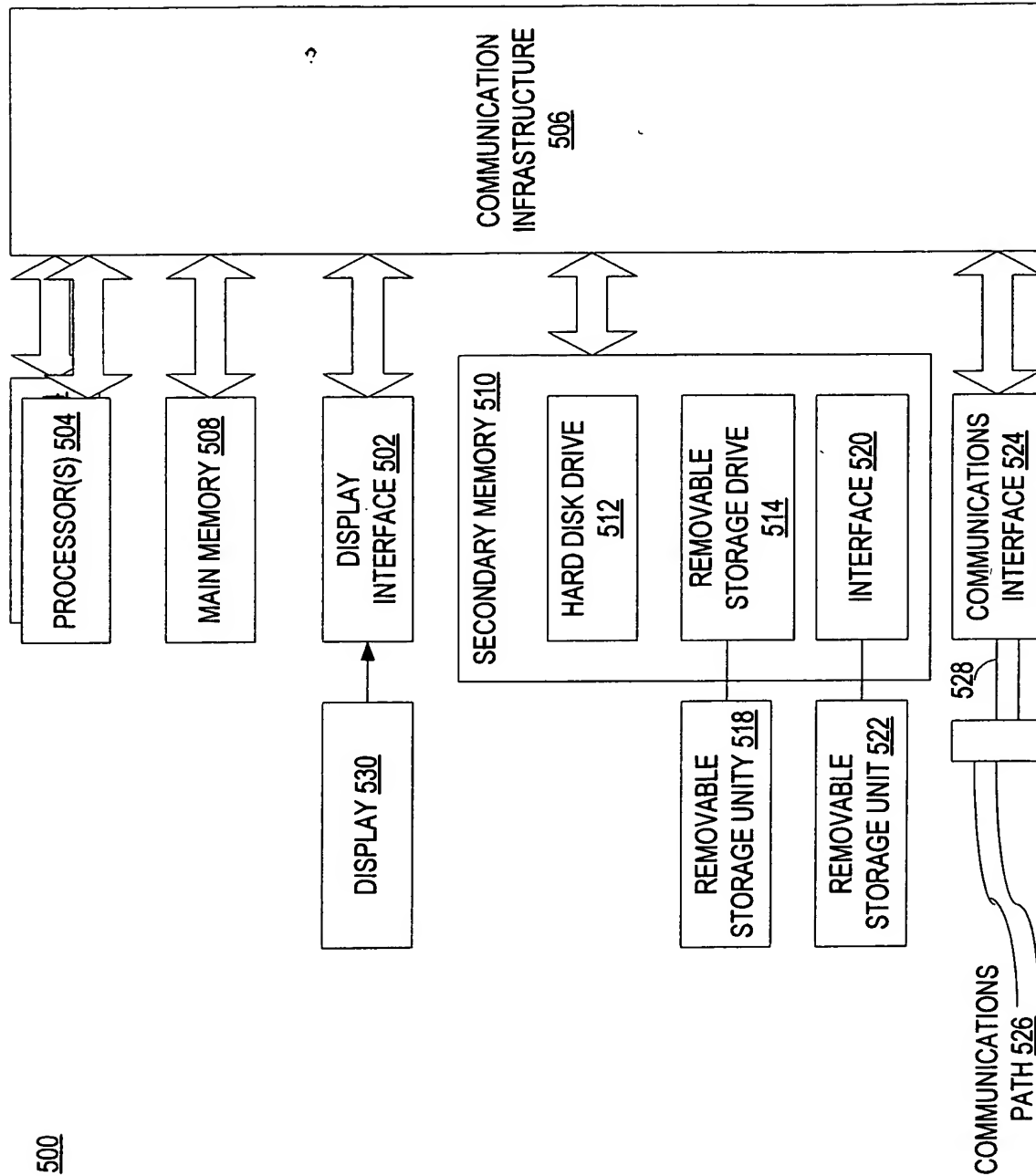


460

Notes:

1. Match sample thread form
2. Smalley WH-150 snap ring
3. Material-cold rolled steel
4. Break all edges to 0.030 R min.
5. Hold these diameters concentric within 0.003 in.
6. Hold all concentric diameters within 0.025 in. unless noted otherwise





8/20

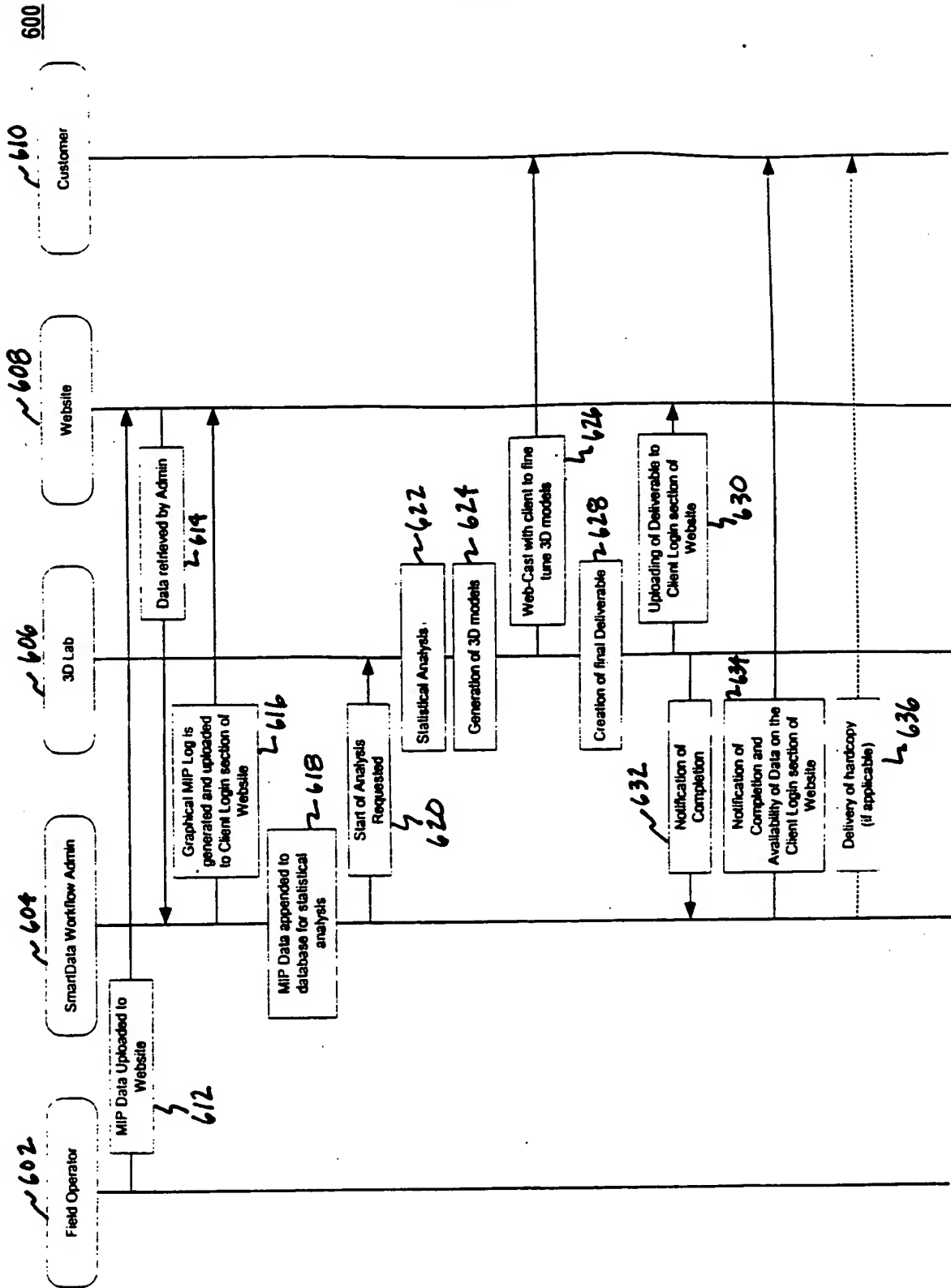


FIG. 6

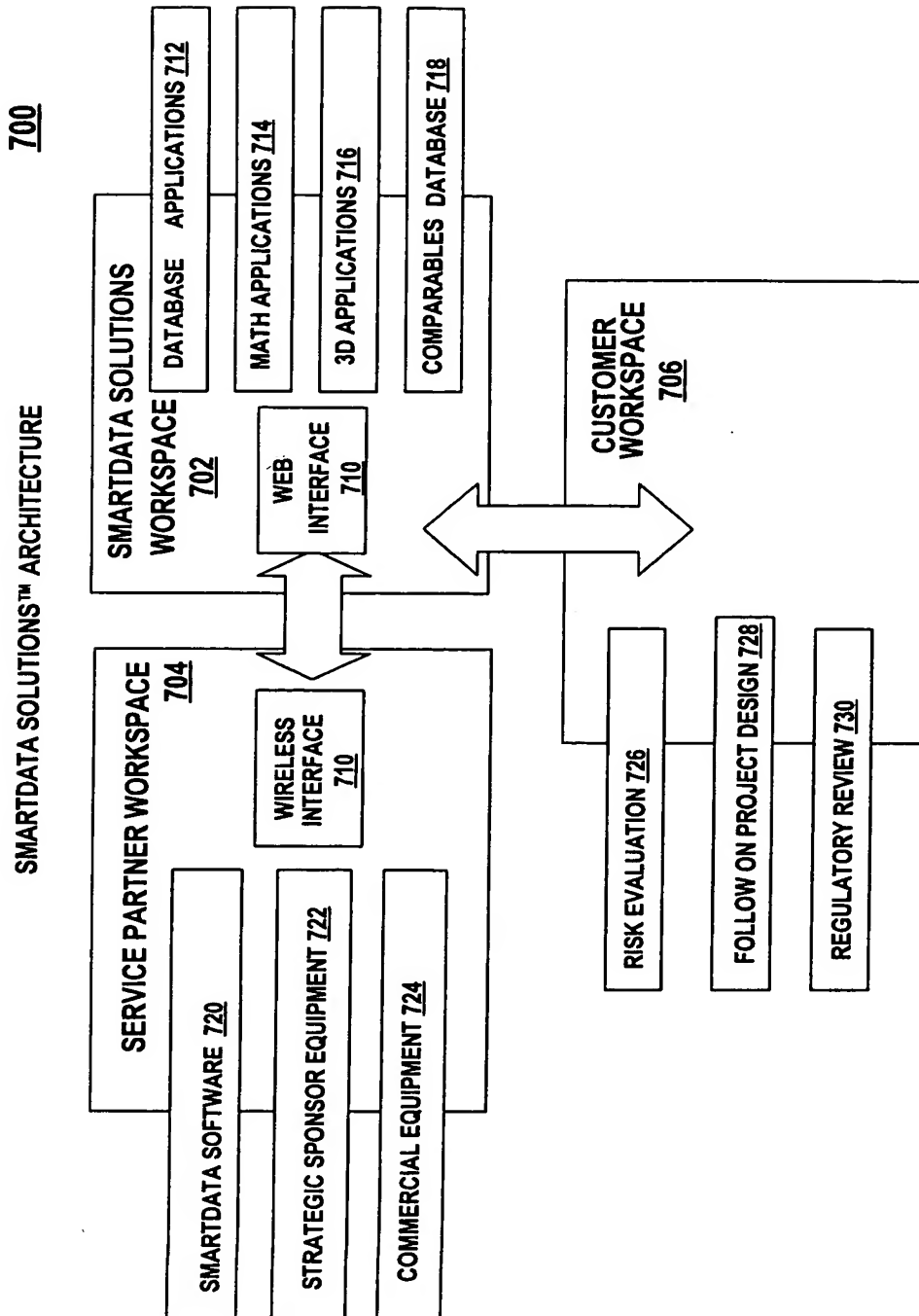


FIG. 7

800

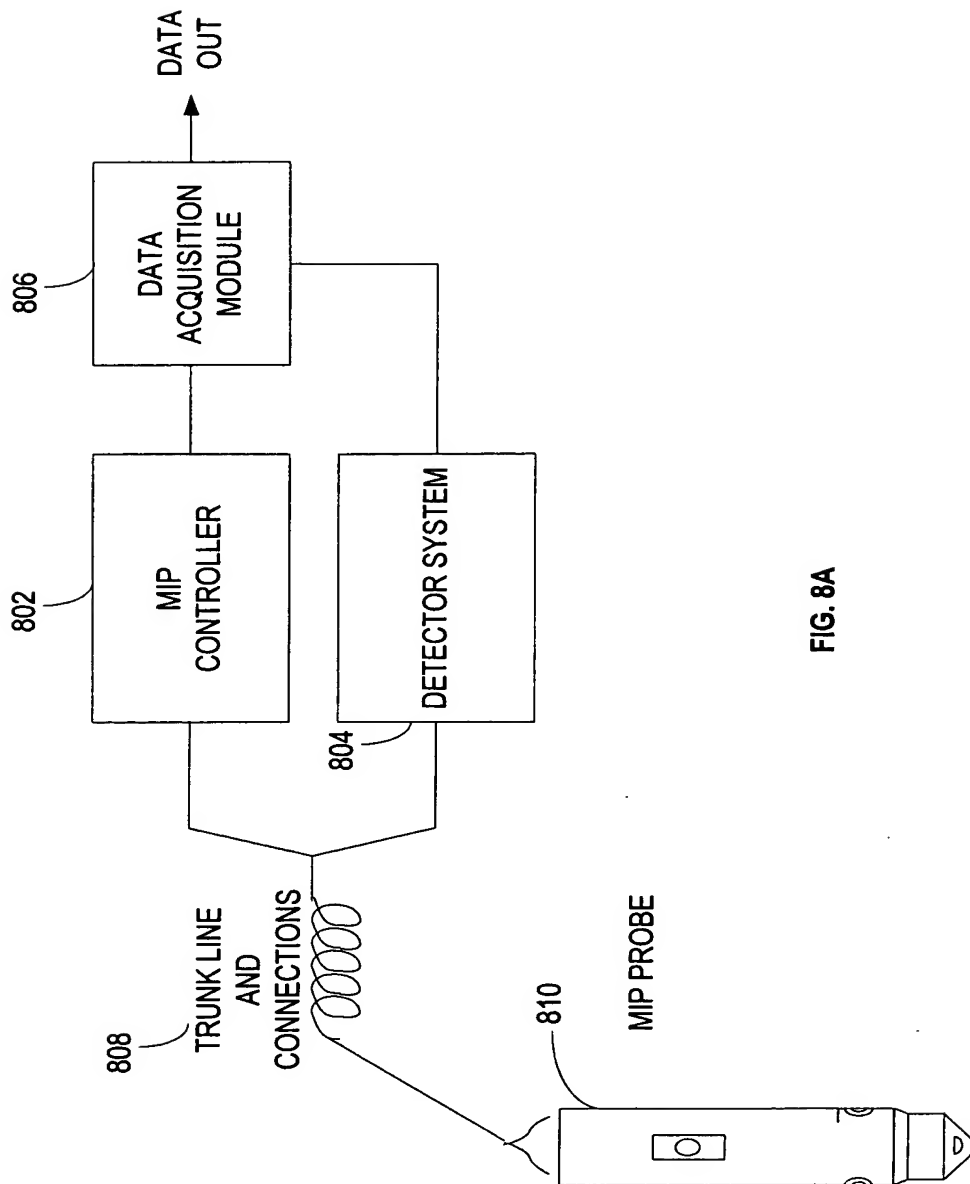


FIG. 8A

810

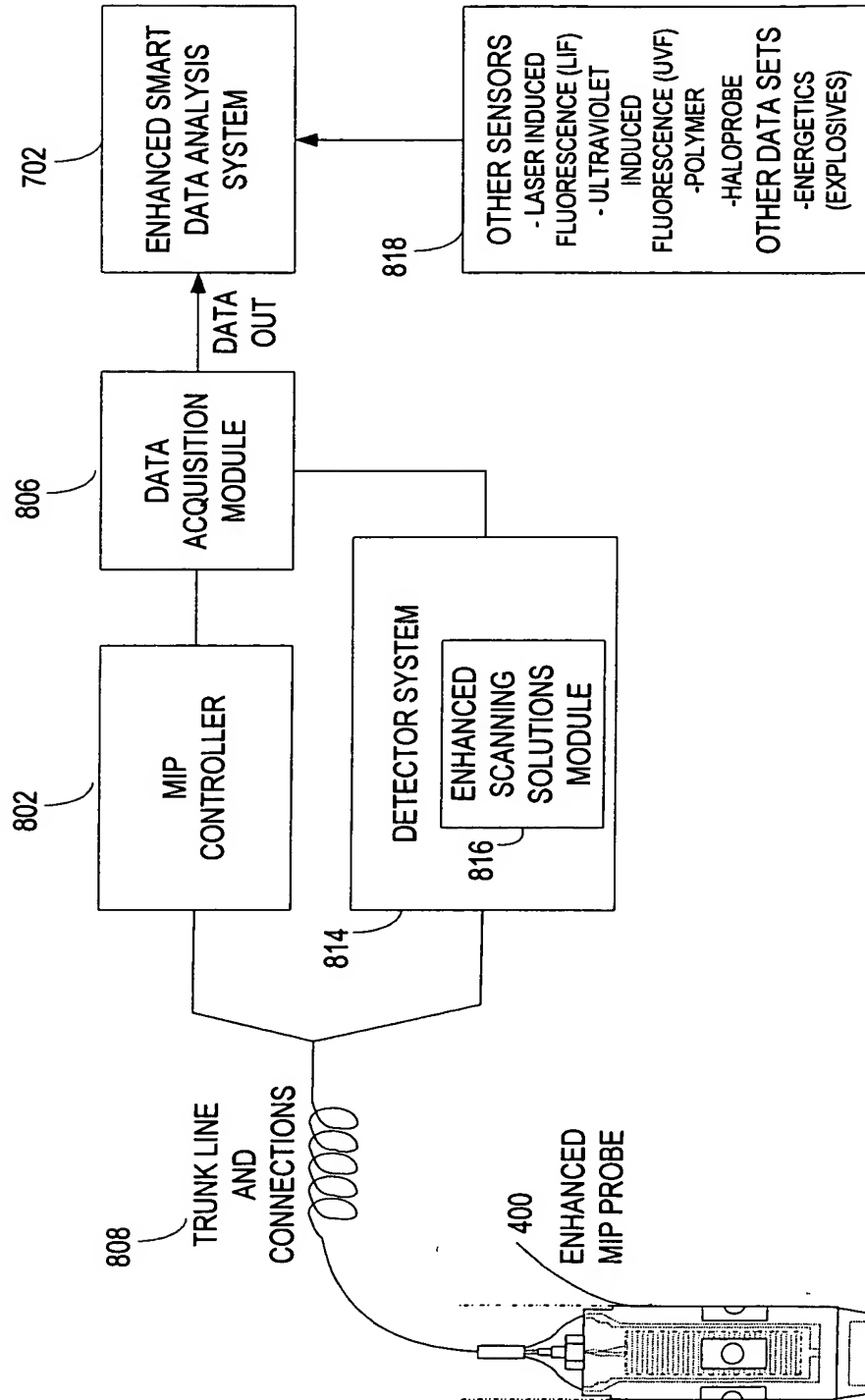


FIG. 8B

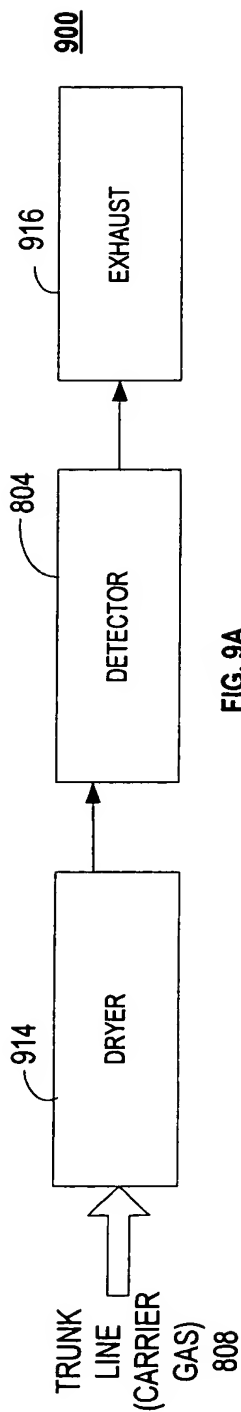


FIG. 9A

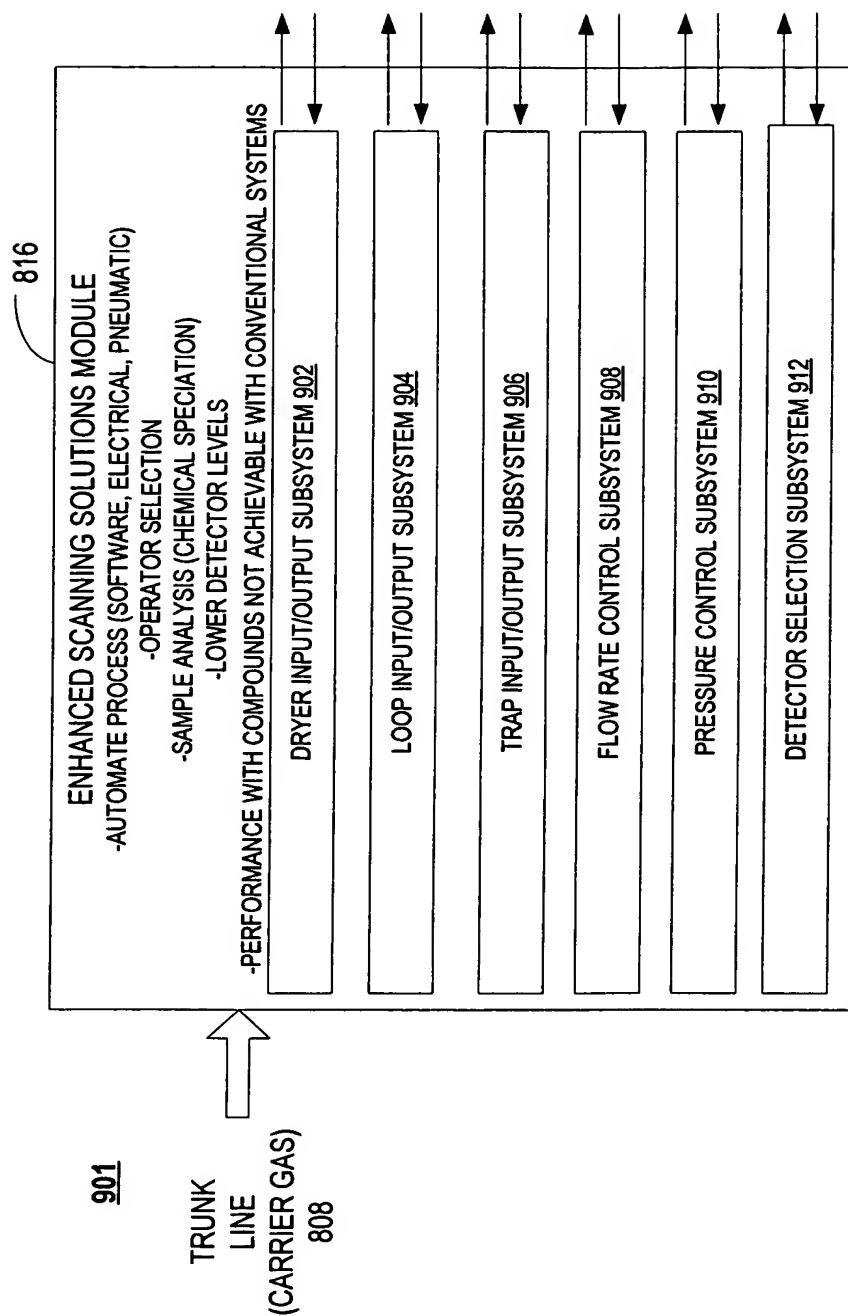


FIG. 9B

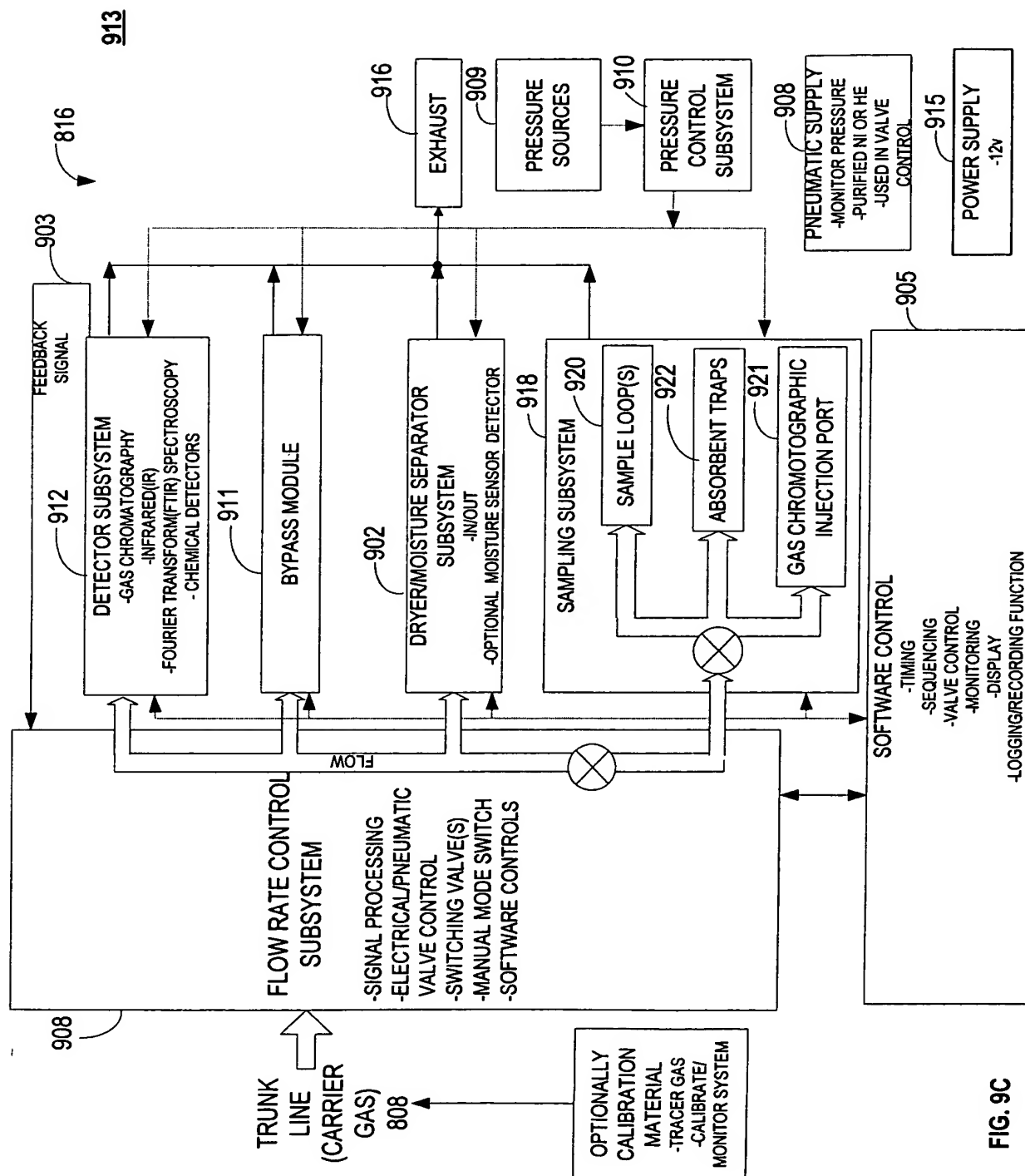


FIG. 9C

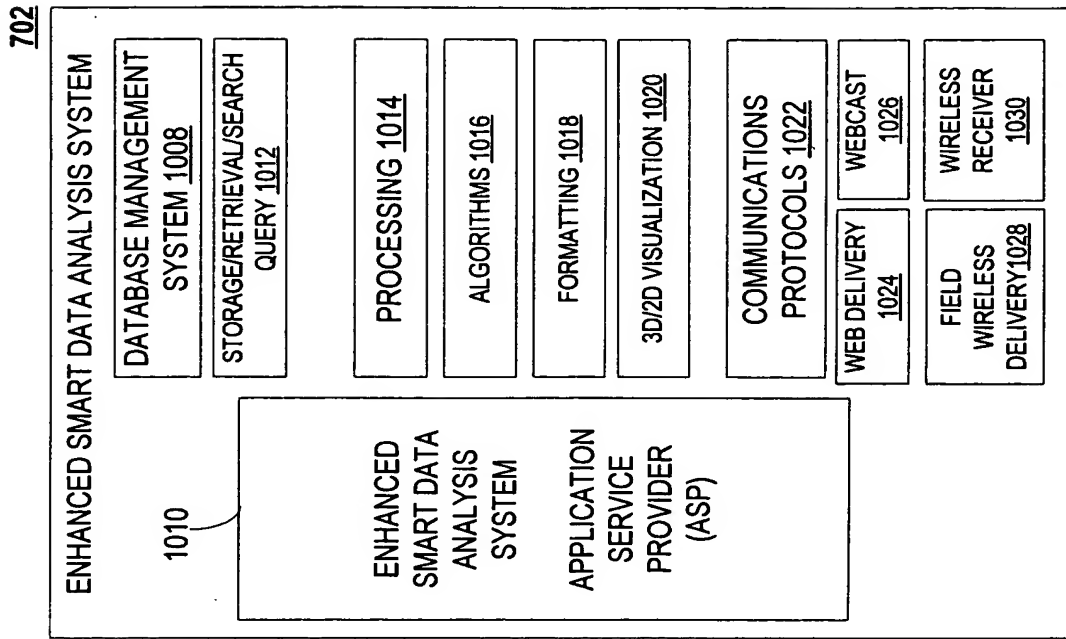


FIG. 10B

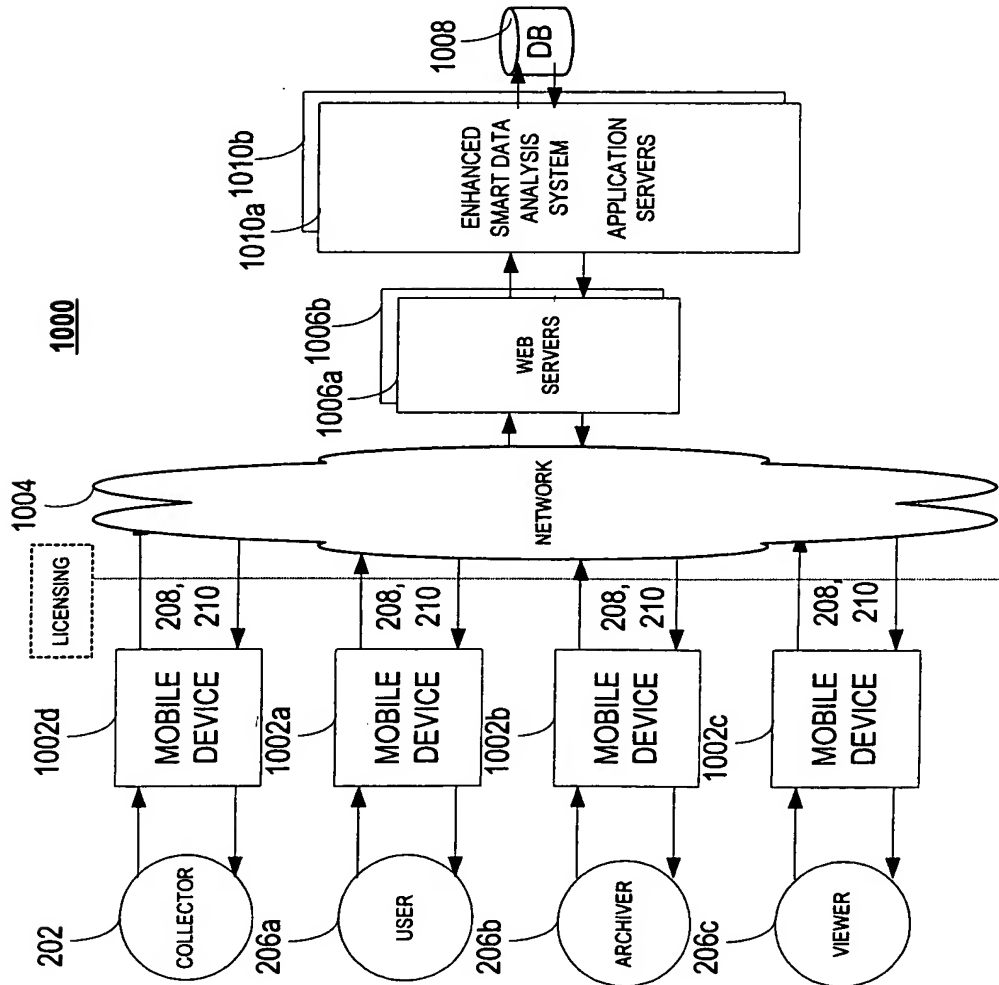


FIG. 10A

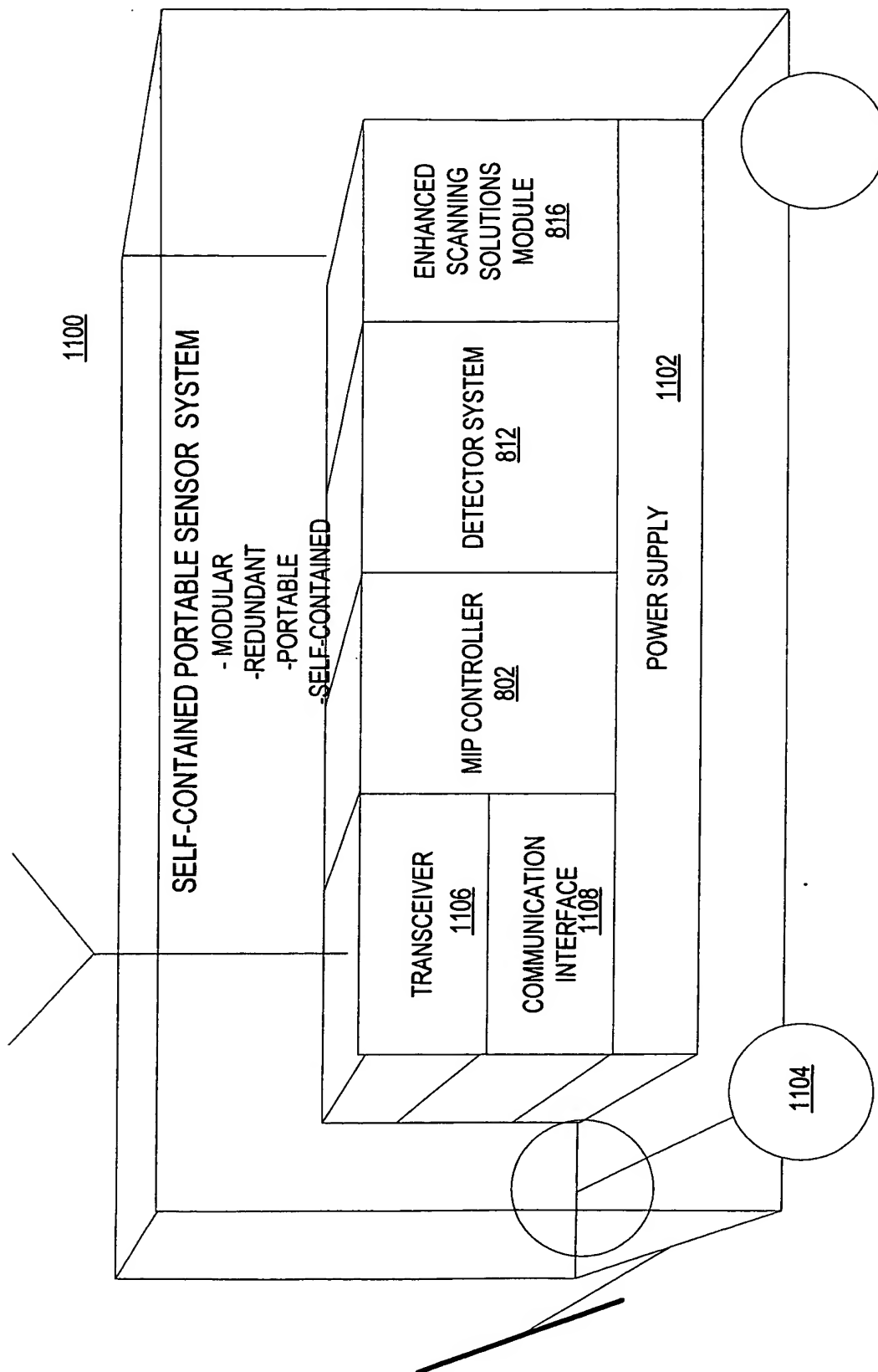


FIG. 11

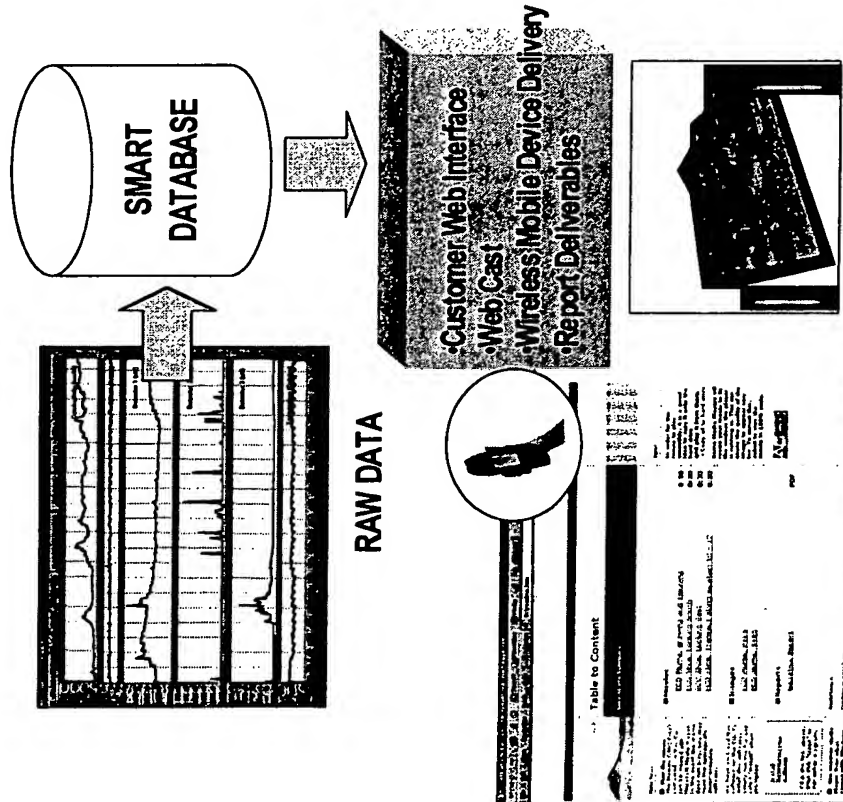
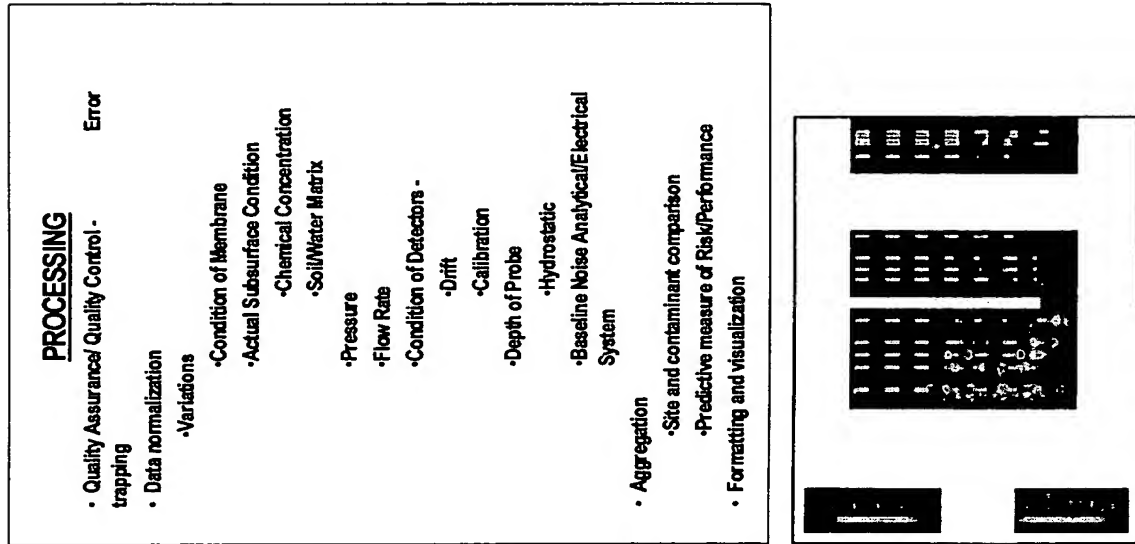


FIG. 12A

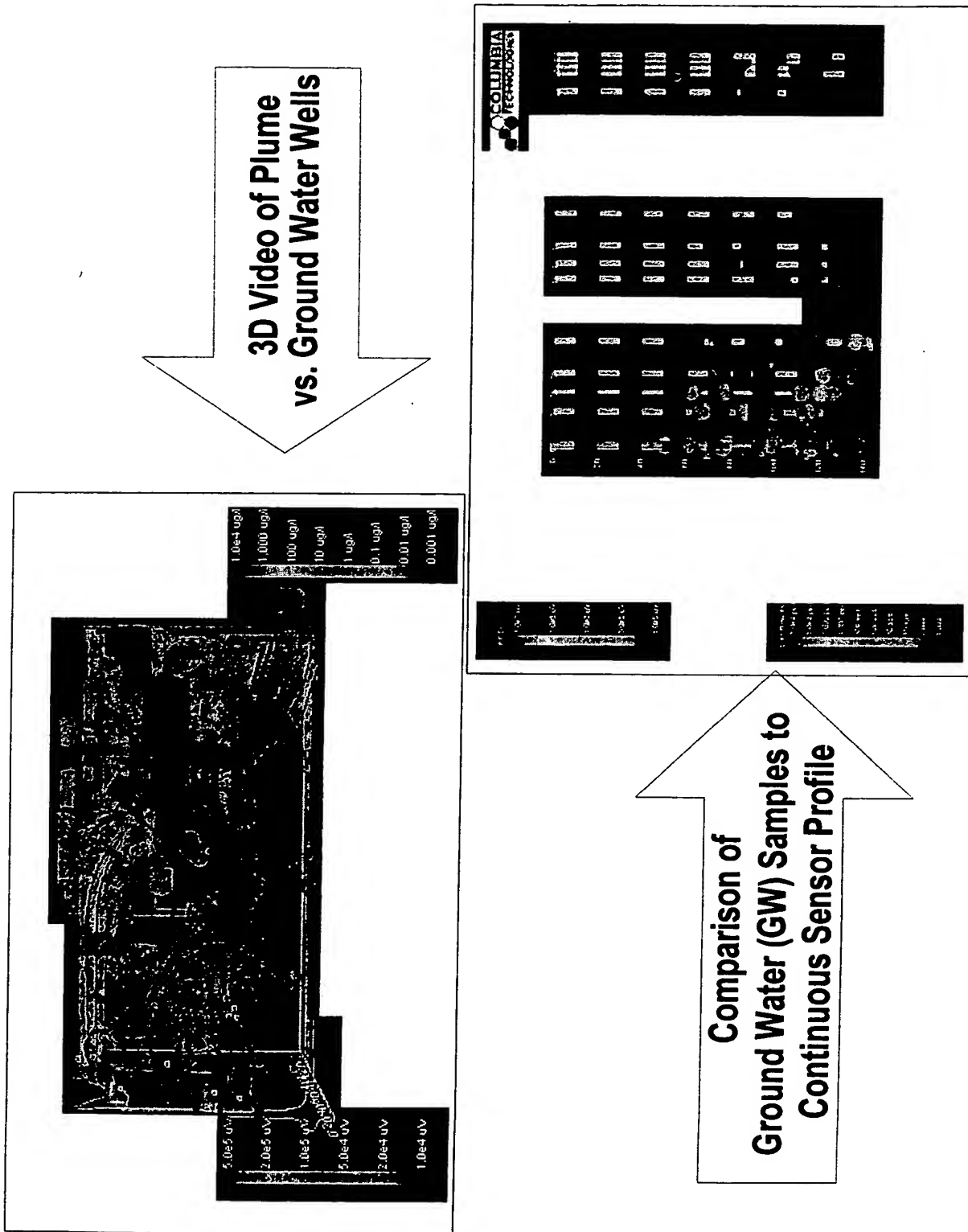


FIG. 12B

DemoCorp

Demo Corp



SmartData Solutions™

Featured Projects

■ SmartData Solutions was used to delineate a source area under a manufacturing building. The resulting 3D images helped to focus remedial efforts, thereby saving time and cost. Earth Tech's client remarked, "This was the best data he had ever seen!" Dave Rosecrance of Oak Ridge, Tennessee was asked by the TDEC to present the results at their Haz Waste conference in Gatlinburg, Tennessee in May 2002.

Welcome back John Smith

Your Current Projects

~~PETROLEUM~~ TERMINAL

MANUFACTURING FACILITY

~~Met John Smith~~ [click here](#)

Other Demo Corp Projects

Brownfield Site

Irving Lambert - San Francisco

Dry Cleaner

Anna Cohen - Tampa

Gas Station

Vernon Wilkes - Baltimore

Vapor Intrusion Site

Sam Fisher - Dallas

Assistance

Customer services

We strive to provide all our customers with the best service possible. If you are experiencing a problem, please do not hesitate to call our customer service department toll-free on 1-888-344-2704

[Contact](#) [Legal](#) [Privacy](#)

FIG. 12C

DemoCorp

Your Projects

Manufacturing Facility

SmartData Solutions™



Site Information

Manufacturing Facility
 Savannah, GA
 Project Dates

Started: 8/12/2002

Completed: 8/21/2002
 Status

Completed

Movie Information

■ Play the movie
 The Movies .AVI files contained on this CD can be viewed with Microsoft Media Player. In the event the movie does not play, you may need the appropriate decompression software.

We have enclosed this software on the CD. To install this software, simply run the file and select "install" when prompted.

Install
 Decompression
 Software

Click the link above, then click "Open" to run setup program.

■ Use another Media Player then what comes with Windows
 As an alternative to Media Player, we have included a viewer called Camtasia Player that can be installed free of charge. This is in our view a very good product and should be used in case Media Player fails to play the

■ Completed Deliverables

As your order is completed, each item will be added to this screen. Your sitemap is still available by clicking on the "Sitemap" heading below.

You can get this content delivered to you on a CDROM, please contact your sales representative or the SmartData Solutions™ Team for assistance.

■ Sitemap

■ Images

| | |
|---------------------------------|-------|
| ECD 1+E6, Plan View (Full site) | 71 kb |
| ECD 1+E6, Plan View | 71 kb |
| ECD 5+E6, Plan View | 66 kb |
| ECD 5+E5, Transect | 71 kb |
| ECD Slice, Lab Data | 81 kb |

■ Movies

| | |
|---------------------------------------|-------|
| Plan View, 360 Fly-around (Lab Data) | 11 mb |
| Plan View, 360 Fly-around (Full site) | 41 mb |

■ Presentations

| | |
|-------------------------------|------|
| SmartData Solutions™ Overview | 2 mb |
|-------------------------------|------|

Assistance

Customer services

We strive to provide all our customers with the best service possible. If you are experiencing a problem, please do not hesitate to call our customer service department toll-free on 1-888-344-2704

Webcast

View



MIP Logs

CPT01C72
 PGCP101
 PGCP102
 PGCP103
 PGCP104
 PGCP105
 PGCP106
 PGCP107
 PGCP108
 PGCP109
 PGCP110
 PGCP111
 PGCP112
 PGCP113
 PGCP114
 PGCP115
 PGCP116
 PGCP117
 PGCP118
 PGCP119
 PGCP120
 PGCP121
 PGCP122
 PGCP123
 PGCP124
 PGCP125
 PGCP126
 PGCP127
 PGCP128
 PGCP129

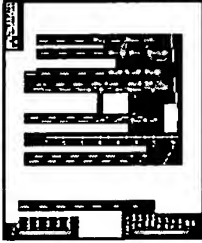
Resource

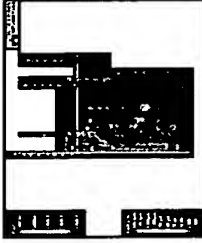
FIG. 12D

The Images below were selected during the LIVE Webcast. Each Image can be selected as the basis for a movie and to be included in a report. Refer to the check boxes to the right of the image for all the options available for that image.

☒ Previous Order Exist
 A previous order exists for this webcast. You can add to this order by selecting more Deliverables and click "Update Order". To remove items from the existing order, uncheck the items and click "Update Order". Previously ordered items are listed in Red for clarity.

☒ Oblique Views

| | | | |
|---|---------------------------|--|---|
|  | SOIL PID FID ECD | [not shown] [not shown] [not shown] 1.0e+006 uV | <input type="checkbox"/> Include in Report <input checked="" type="checkbox"/> Electronic Image <input type="checkbox"/> Create Basic Movie |
| View: Looking North (N) Comment: lab | | | |
| Click to enlarge | | | |

| | | | |
|--|---------------------------|--|--|
|  | SOIL PID FID ECD | [not shown] [not shown] [not shown] 5.0e+005 uV | <input type="checkbox"/> Include in Report <input type="checkbox"/> Electronic Image <input type="checkbox"/> Create Basic Movie |
| View: Looking West (W) Comment: lab | | | |
| Click to enlarge | | | |

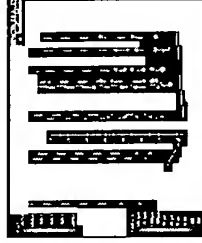
| | | | |
|---|---------------------------|--|---|
|  | SOIL PID FID ECD | [not shown] [not shown] [not shown] 5.0e+006 uV | <input type="checkbox"/> Include in Report <input checked="" type="checkbox"/> Electronic Image <input type="checkbox"/> Create Basic Movie |
| View: Looking North (N) Comment: lab | | | |
| Click to enlarge | | | |

FIG. 12E